## **BEKAERT**

better together





# **3D 55/30BG**

Length

Aspect ratio

## DATASHEET

## Characteristics

#### Material properties

Nom. tensile strength:	195.075758 ksi (1345 MPa)
Young's modulus:	29000 ksi (200000 MPa)
Strain at ultimate strength:	0.8 %

3D

1.18 in.

(30 mm)

(0.55 mm)

#### Geometry

Fiber family

Length (I)

Diameter (d) 0.021654 in.

d A

Aspect ratio (I/d) 55



### Minimum EN 14889-1 dosage

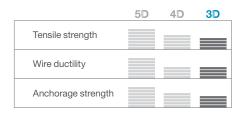
42 lb/yd<sup>3</sup> (25 kg/m<sup>3</sup>)

#### Fiber network

33578 ft/yd³ at 42 lb/yd³ (13387) m/m³ at 25 kg/m³) 7735 fibers/lb (17054 fibers/kg)

#### Dramix<sup>®</sup> family

3D Typical SFRC applications 4D Supreme serviceability control 5D Advanced structural applications



## Product certificates\*



\* Product certificates are plant specific.

## Product conformity

Dramix<sup>®</sup> conforms to ASTM A820, EN 14889-1 and ISO 13270 Class A.

## System certificates



All Dramix<sup>®</sup> plants are ISO 9001 and ISO 14001 certified.

**BIG BAG** 

2.420 lb

(1.100 kg)

## Packaging



BAGS 22 / 44 lb (10 / 20 kg)

## Handling



#### DRAMIX<sup>®</sup> 3D 55/30BG

Bright

#### The original anchorage

Dramix<sup>®</sup> 3D is the cost-efficient fiber for standard statically indeterminate concrete structures that are submitted to regular static, fatigue and dynamic loadings.

Glued

## Glue technology for three-dimensional reinforcement

Dramix<sup>®</sup> steel fibers are bundled with water-soluble glue. The glue helps avoiding fiber balling during mixing and ensures a homogeneous distribution of fibers throughout the concrete mix.

#### Bekaert Bekaert construction support

You can count on our support for each step of your project, from concept design to on-site quality support. Our services include recommendations on slab design, construction detailing, concrete optimization and automatic total quality control procedures. We are also happy to share our knowledge with you and your team.

Feel free to ask us for a workshop or training on the topic of steel fiber reinforcement in your offices.



